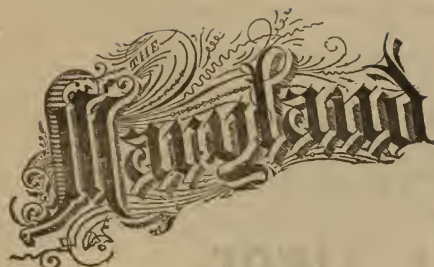


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Dept of Agriculture



APRIL 23, 1890.

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Farmer

AND

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OUR 27TH YEAR.

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BALTIMORE, MD.



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"I have used Ayer's Hair Vigor for some time and it has worked wonders for me. I was troubled with dandruff and was rapidly becoming bald; but since using the Vigor my head is perfectly clear of dandruff, the hair has ceased coming out, and I now have a good growth, of the same color as when I was a young woman. I can recommend any one suffering from dandruff or loss of hair to use Ayer's Hair Vigor."—Mrs. Lydia O. Moody, East Pittston, Me.

"Several months ago my hair commenced falling out, and in a few weeks my head was almost entirely bare. I tried many remedies but they did me no good. I was finally induced to buy a bottle of Ayer's Hair Vigor, and, after using only a part of the liquid, my head was covered with a heavy growth of hair. I recommend your preparation as the best hair restorer in the world. It can't be beat."—Thomas N. Munday, Sharon Grove, Ky.

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Prepared by DR. J. C. AYER & CO., Lowell, Mass. Sold by all Druggists and Perfumers.

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Of colds, coughs, and all derangements of the respiratory organs, no other medicine is so reliable as Ayer's Cherry Pectoral. It relieves sufferers from consumption, even in advanced stages of that disease, and has saved innumerable lives.

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That people have in Ayer's Sarsaparilla as a blood medicine is the natural result of many years' experience. It has been handed down from parent to child, as a favorite family medicine, perfectly reliable in all scrofulous disorders.

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Prepared by Dr. J. C. Ayer & Co., Lowell, Mass. Price \$1; six bottles, \$5. Worth \$5 a bottle.

Many Rise

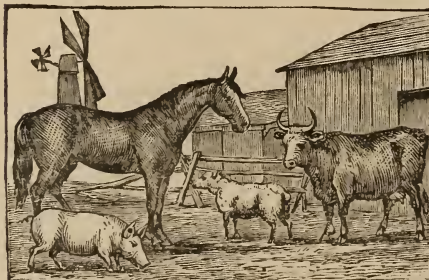
In the morning with headache and without appetite—symptoms of torpidity of the liver and a deranged condition of the stomach. To restore healthy action to these organs, nothing else is so efficacious as an occasional dose of

Ayer's Pills,

Prepared by Dr. J. C. Ayer & Co., Lowell, Mass. Sold by Druggists and Dealers in Medicines.

ALL ABOUT HORSES, CATTLE, SHEEP AND HOGS.

The American Live Stock Manual.



No subject is of greater importance to the farmer than that of Live Stock, and few there are who have not much to learn regarding it. Many a man has lost a valuable animal for no other reason than that he did not know how to take care of it when well or to treat it when sick. THE AMERICAN LIVE STOCK MANUAL is a book the cost of which is but trifling, but it is simply worth its weight in gold to every man in America who owns a horse, a cow, a sheep or a hog, for it is a complete text-book, containing the fullest information regarding the care and management, feeding and rearing, of live stock, likewise directions for the cure of all diseases peculiar to these animals and of all unruly and vicious habits, for the construction of necessary buildings and conveniences, etc., etc. The following are only a small portion of the topics treated in this book: How to Judge a Horse; Feeding Horses; Raising a Colt; To Bit a Colt; To Break Horses from Pulling at the Halter; Warts on Horses; Stumbling Horses; Cure for Bulky Horses; Kicking Horses; Training Vicious Horses; Galls and Sores on Horses; Reining Horses; Colic; Bots; Founder; Heaves; Epizootic; Shying; Scratches; Ringbone; Spavin; Cribbing; Bruises and Bruises; Hinde-Bound Horses; Avoiding Indigestion; How to Save Oats in Feeding; Watering Horses; Care of Horse's Legs; How to Tell a Horse's Age; Neck Yokes; Good Brooming; Shoeing; To Make the Mane and Tail Grow; Box Stalls; Stables and Stabling; Breeding Horses upon Farms; Horse Education; Rinsing a Bull; Relieving Choked Cattle; Bone Disease in Milk Cows; Marks of a Good Cow; Cattle Racks and Feed Boxes; Feeding Cattle; How Good Cows are Ruined; To Prevent Hooking Fences; Black Tongue; Lice; To Prevent Kicking; Contagious Cattle Diseases; Fattening Stock; Milking; Cooking Feed for Live Stock; The Soiling System; Raising Calves; To Break a Heifer or Vicious Cow to Milk; Wintering Live Stock; How to Take Off a Hide; Assistance at Birth; Hollow Horn; Obstructed Teats; Black Leg; Caked Udder; Jumping Cattle; Garget; Care and Management of Hogs; Piggeries; Troughs; Pig Raising; Over-Feeding; Sanitary Management of Swine; Hog Cholera; Paralysis; Scoury Pigs; Preparing Food for Swine; Butchering; Fattening Hogs; Driving Hogs; To Prevent Hogs Becoming Diseased; Raising Sheep; Washing Sheep; Sheep Rot; Humbling Sheep; To Tell the Age of Sheep; Sheep Ticks; Early Lambing; How to Make Sheep Pay; Spring Feeding of Ewes; Treatment of Lambs; Increasing the Growth of Wool. THE AMERICAN LIVE STOCK MANUAL is a large book of 124 pages, 12mo, with handsome cover, and is profusely illustrated. It will be sent to any address by mail post-paid upon receipt of only Twenty-Five Cents. Send for it! The price is but a trifle compared to its real value to every farmer.

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AND NEW FARM.

Vol. XXVII. BALTIMORE, April 23, 1890. No. 17.

POULTRY
and
POULTRY KEEPING,
by

H. R. WALWORTH,
Editor of The Maryland Farmer.

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CHAPTER VIII.

SELECTING STOCK.

What kind of Stock shall be procured for the general purpose of marketing the produce in chicks, eggs, dressed poultry, or live poultry? This is the question of

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questions with everyone who is beginning the poultry business with a view to profit.

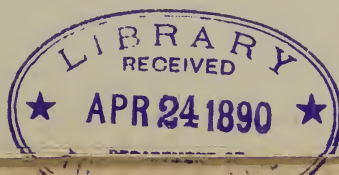
The fancier asks the same question in a modified form; but does not depend so much upon table qualities as upon pure blood and the latest novelties.

It should be remembered that market poultry need not be pure blooded stock and that all the qualities are not to be found in any one breed.

A great many would start into the poultry business, did they not suppose it necessary to obtain a considerable number of costly birds at high prices with which to make a commencement.

Common mongrel stock are much better than none at all. A fact has been developed recently that for the purposes of egg-production a mongrel flock frequently carries off the palm as to the number of eggs produced.

The most widely known varieties of poultry are the breeds of Brahmas and



Plymouth Rocks. Much may be said in praise of both.

The Brahmas are very large, feathered very heavily and are naturally warmer in the winter than their rivals. They are much more easily confined, a four foot fence being high enough to keep them in securely.

The Plymouth Rocks are of fair size, require a somewhat higher fence than the others and are much more lively. They have more comb than the Brahmas consequently require more care; but all poultry should have much more care than they generally get.

The Leghorns are small of body and belong to the class which no fence will be high enough to confine. They are all remarkable for the production of good sized and numerous eggs. Most of the varieties of great layers with large single combs, although differently feathered and named, belong to this large class.

This breed are excellent for crosses and for egg production, and when we have said thus much we have about enumerated all their good qualities.

The breed of Cochins and its divisions are large Asiatic fowls, of beautiful feather, and all excellent sitters, winter layers, mothers. They require but a slight fence to confine them and are contented.

These four breeds and their crosses will supply every need for eggs, for market and for the table: Brahma, Plymouth Rock, Leghorn and Cochin.

For the purposes of speculation many new breeds are extolled very highly, and we do not doubt are very worthy. They are held always at high prices and have their peculiar merits. We leave them in the back ground at present and unless we are to keep fancy stock especially we do not pay out our money for them.

The Amateur, who keeps poultry merely for the pleasure it brings him, without

caring to make it profitable, will find a great variety from which to choose.

But many a person who reads this book will say: I have a flock already. My poultry is a mixed lot, such as you generally find in any farmer's barnyard. Must I be at the expense of selling these for a song, and purchasing the costly stock you mention, if I would succeed?

No! decidedly no! We have before said that mongrel stock will frequently surpass the pure bred in eggs, and for market will nearly equal them.

All you need under these circumstances is to get a male of Brahma, or Plymouth Rock, or both, to improve your present stock in size, in flesh, in symmetry, in weight of meat for market.

The mongrel stock is generally of a very hardy character and only lacking in weight of flesh when brought to market. This may be very easily remedied, by the means already mentioned, at comparatively little cost.

Commencing new, however, we should advise either the Light Brahma or the Plymouth Rock poultry. It may be had of full size and with every essential point necessary for profit in eggs and market at reasonable prices.

We advise only one breed and that the increase be confined to preserving the finest pullets allowing all the male birds to be prepared for market at an early age.

Every second year, or every third year at the furthest, new male stock should be secured and the old either brought to the block, or exchanged, or sent to market.

The very best time to buy stock is when you can get it cheapest and best. Usually this comes in the Fall of the year, when those who have raised a goodly amount of fine stock are anxious to dispose of them, on account of the lack of room to accommodate very large numbers during the

winter months when they must necessarily be confined in their houses.

Whenever you are prepared for them and the opportunity presents itself, get them. That is the right time and the best time.

We have said in this chapter what we prefer; but others are equally decided upon other breeds.

Certain it is that Dorkings have traits which have enabled them to hold first place in England for many years as the great market poultry of that kingdom.

Certain it is that the Houdans have traits which have enabled them to hold first place in France for a long series of years as the great market poultry of that country.

The new breeds however are yet to be tested as capable of surpassing those mentioned by us, and the old established ones, or even the mongrel stock improved as above suggested.

Many a one is puzzled whether to buy his pure stock in eggs or the birds themselves. Our advice is, always buy the birds if you can get them. Often, however, in the Spring it is very difficult to get birds; then buy the eggs—buy them in as large quantities as you can afford and expect one third of them to bring you chicks. You may get many more than this, but do not count your chickens any more until they arrive.

WEBSTER'S DICTIONARY

Oh, how cheap!

Street & Smith, publishers of the New York Weekly, authorize us to offer to our subscribers who pay one year in advance, or, who send us one new subscriber—sending \$3 in addition—\$4 in all—3 months of the New York Weekly and Webster's large Dictionary, 8 by 10½ by 4 inches

weight 9 pounds. Every reader of this should have a copy of this Dictionary, the regular price of which is \$12.00. A great opportunity. Address Maryland Farmer.

AMERICAN FARMS,

Their condition and Future.

The worst of the bargain every time.

A volume of J. R. Elliott has been issued from the press of G. P. Putnam's Sons concerning "American Farms, Their condition and Future." It gives a great many important facts worthy of the attention of farmers.

Among other things it treats of the loss by farmers of their political prestige and power; showing that every other class, even though insignificant in point of numbers, receives large consideration from Congress, while the great farming community is thrown some insignificant "sop" to keep them quiet.

It also shows the source of the wide spread depression in agricultural productions giving the figures and their lessons. It gives figures, but not in dry statistical tables, but in argument form, showing actual facts and the inevitable results which could not fail to follow.

It gives also the operations of the trusts, combines and monopolies which have for some time past been throttling the farmer; and from actual facts as supplied under official inquisition, and very reluctantly acknowledged, it deduces enough evidence to arouse the farmers to a sense of the indignities thrust upon them.

When we read here of the causes which have forced upon us the immense record of abandoned farms all through the East, and the more immense record of mortgages which will force the abandonment of innumerable farms in the West, it makes

the heart of every lover of honor and justice throb with indignation.

It touches also on the subject of protection by high tariff taxes and how the burdens are carried by the farming community until farming is given up in despair, and old homesteads dear from long and tender associations are given up from sheer necessity.

And the farmers are beguiled into supposing that some trivial interference by nature with crops, or some fraud of an ephemeral character, or some change of habits of economy among themselves, or some other equally unimportant thing lies at the foundation of their ills.

It is far worse than this! The government is supporting an army of leeches and squandering the substance of the people by the hundreds of millions! The country—the farms—the farmers—must bear this vast and growing “old man of the sea” upon their shoulders and it is crushing them.

This is the difficulty. The manufacturers, the merchants, the great monopolists, the gigantic trusts, the bankers, the capitalists, the paupers, and the farmers are all in the hands of the government, and the government does not hesitate to give the farmers “the worst end of the bargain every time.”

When we took up this book, we did not expect to write here more than its title, author's name and price, (\$1.25); but the subject upon which it treats is a vital one to the farmer, and he cannot expect to become more than a down-trodden serf, unless he will take hold of the government and sternly demand that the hundreds of millions now given away or squandered shall no longer be wrung from him.

Throughout the length and breadth of our land evidences are everywhere visible of a government prodigality founded upon the ruin of farmers, and it must go on so

long as \$400,000,000 of dollars are annually spent by the people's servants who filch them from their master's pockets, and go unrebuked.

INTERESTING ITEMS.

In the vicinity of Lancaster, Pa., over 20 farmers have failed during the past few weeks. Failures are a rarity among farmers.

The Massachusetts Legislature has appropriated \$25,000 to be expended to rid the State of the Gypsy Moth, the new insect pest.

The Tariff has done enough for other classes, they should give way now to the interests of farmers.

The English Syndicate negotiating for edge tool plants in the United States, have failed to secure control of the plane works of the Gage Tool Co., at Vineland, N. J.

The decline in farm lands in New York during three years past has been from 10 to 40 per. cent.

William Galloway, who recently died in Baltimore, at the age of 81, was a railroad engineer and had rode a million and a half miles in his cab. He began with the beginning of the first railroad.

The Fallston Farmers' Club met at “Rochelle” with Mr. Preston, April 5th. and decided that growing grain was unsatisfactory, but could not be dispensed with wholly. Potatoes was a better crop. Mixed farming was advocated generally.

ELECTRIC BELT FREE.

To introduce it and obtain agents the undersigned firm will give away a few of their \$5 00 German Electric Belts invented by Prof. Van der Weyde, Pres. of the New York Electrical Society (U. S. Pat. 257,647) a positive cure for Nervous Debility, Rheumatism, Loss of Power, &c. Address Electric Agency, P. O. Box 178, Brooklyn, N. Y. Write them to-day.

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AGRICULTURAL DEPRESSION.

Its causes and possible remedies.

We have received the issue from the Agricultural Department under this title signed by the Hon. J. M. Rusk. We have given it the most careful reading and we think his remedies might have some slight effect in remedying the evil.

His plea for additional protection for farmers' products, based on the fact that we import about 115 millions of dollars worth of agricultural products will hardly meet the case. It is patent that it would take many years to enable the farmer to produce the articles in this country which are imported: tobacco, fruits and wines being imported for their quality and sugar

and molasses from necessity at present. These make up the great bulk of imports. The protection would reach comparatively few and would be no adequate remedy; for the remedy must go vastly deeper than this.

He refers to the wealth and prosperity of manufacturers as an evidence of the benefit of protection. The farmer must remember this wealth comes out of his pocket and the manufacturer is thriving upon the farmer's ruin. The manufacturer's goods are consumed at home.

The fallacy that the farmer has ample market at home for his products is renewed. But it is not true. No protection can give him a home market that will amount to a tithe now given to manufacturers.

He does not mention the one great cause viz: The enormous extravagance of our government, which is grinding out of the farmers the hundreds of millions which they must have annually for their abominable system of useless appropriations. Useless in view of the poverty and distress it is entailing upon us.

A pampered few are pensioned and bolstered into affluence and the great body of the people must groan under the unjust burdens imposed on them. This sentence gives the fact just as it exists, in plain language.

No matter which party is in power, the very principle upon which our government is acting involves so great an expenditure that the people—the farmers constituting the great bulk of the people—are necessarily impoverished. Unless this is changed no one can tell what the result will finally be.

Sec'y Rusk's remedies are wholly from a partisan political stand-point. They do not meet the case. They touch a few outside matters which might have a trifling influence, if other things were favorable.

The great vice which is squeezing our farmers to death is the extravagance of the

government and the hundreds of millions in taxes which are necessary to meet it, and which enable manufacturers to impose hundreds of millions more upon those who consume their manufactures.

A SPECIALTY.

We are now publishing a series of chapters on poultry and poultry keeping, which seem to be attracting a very large share of attention. Numerous readers express an interest in them and we have constant inquiries about poultry fixings, such as incubators, wire netting, etc.

Poultrymen would do well to take advantage of this occasion to advertise more extensively in our columns. It would save us much writing and bring orders for goods to the proper parties.

BOOKS, CATALOGUES, Etc.

The Delineator, growing ever, and ever the more welcome to the homes of the people, goes now to more families than any other periodical in our country. The May number reaches 325,000 paid up subscribers. To every home it proves itself a blessing. In these times of necessary economy its patterns and styles for the garments of women are almost indispensable.

In 1860, Henry Goethe, of Beaufort, S. C., wrote Dr. Shallenberger :

"I regard your Antidote a specific for chills and fever. It was used on the Charleston and Savannah R. Road last summer and autumn in the most sickly region, and under the most trying circumstances. Out of one gang of negro operatives, fifty were stricken down with chills and fever, and every one recovered by the timely use of Shallenberger's Antidote. You possess the GREATEST MEDICINE IN THE WORLD"

Crossing in Squashes.

Notes are made with figures of surprising effects of crossing the summer scallop with the summer crookneck squash. The effects of crosses were not shown in the fruit of the same year. One of the most interesting results appears in the offspring of a curious squash which appeared in a plantation, and which was evidently the result of some previous cross. This squash produced six types of fruit, ranging from the ordinary crookneck to an almost typical scallop, and an anomalous, oblong and dark green fruit.

Shrubs from Cuttings.

John Craig gives lists of trees and shrubs of which propagation was attempted by means of hard wood and root cuttings. The lists include ornamental plants. Aside from the behaviors of individual species, the following observation is interesting: With certain cuttings, callusing before planting is absolutely essential. For instance, the mulberry and forsythia are both readily grown from cuttings taken from the callusing pit, but in this case without that preparation they failed to grow.

Beggars, Beware!

A gentleman made a rockery in front of his house in which he planted some beautiful ferns, and, having put the following notice, found it efficient and less expensive than spring guns and man traps. The fearing inscription was "Beggars, beware! Scolopendriums and polypodians are set here."

Protecting House Plants.

For protecting house plants during winter, John M. Stahl claims that old newspapers are excellent. The object is to hold a body of still air about the plants, and this the papers, if pinned closely, do nicely. Very often putting several thicknesses of paper between the plants and the window will give all the protection needed. A friend, whose house is "cold," spreads some old newspapers on the carpets, sets the plants on the papers, and then pins papers about and over the plants. This does nicely.

All chrysanthemum lovers are invited to join the National Chrysanthemum society, of which Mr. John Thorpe is president. Edward Lonsdale, Philadelphia, Pa., is secretary. The membership fee is \$2.

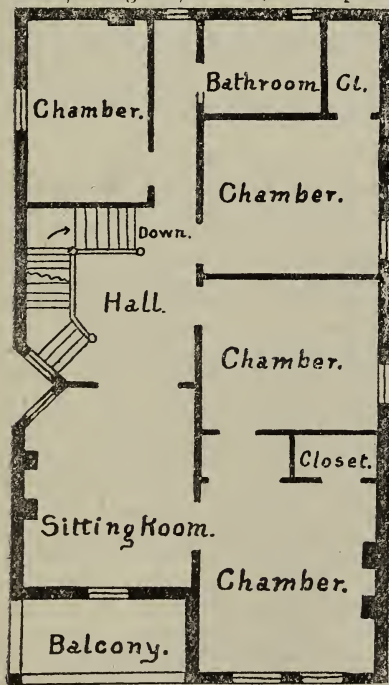
According to The Florida Dispatch Florida promises to become distinguished as the greatest phosphate producing state in the country.

A TWO STORY BRICK.

Plans of an Elegant Residence to Cost \$5,000.

The plans for this handsome two story brick residence are from Artistic Homes, published by the National Building Plan Association, Detroit. The brief description given is appended:

Brick or stone foundation, cut stone trimmings, slate roof; principal apartments finished with hard wood, oil finish, inside blinds, etc. Height of stories—first, 10 feet 6 inches; second, 10 feet. Cellar, 6 feet 6 inches in the clear. First story contains reception room (with fireplace), 12x14.6; staircase hall, 12x12.6; parlor (with fireplace), 13x14; sitting room, 13x14; dining room, 13x13.6; kitchen, 12x13; pantry, 4x9; china closet, 4x4. Second story contains staircase hall, 12x12.6; sitting hall, 12x14.6 (with fireplace);



SECOND STORY.

chamber (with fireplace), 13x14; chamber, 11x13; chamber, 11x13; chamber, 8.6x13; closet off each chamber; bathroom, 6x8.6; two rooms finished in attic.

Estimated cost of building, \$5,000.



VIEW.



GROUND FLOOR.

We mail Fanny Field's Poultry Book for 25 cents. Send for it. Address, Maryland Farmer.

A CATTLE BARN.

A Plan Which Is Recommended for Its Convenience and Its Cheapness.

The barn here illustrated was originally described in Country Gentleman by a Pennsylvania farmer as follows:

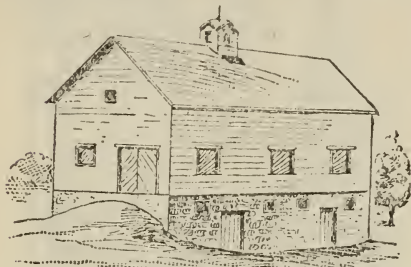


FIG. 1—THE BARN COMPLETE

I built a barn 30x60 for horses and cattle and have since extended it fifty feet for sheep. By building narrow the frame can be light. There is an alley in front of horses and cattle for feeding. A tube, A, runs from that alley to top of hay mow. It gives a good wide alley at the rear of cattle. The barn can at any time be extended to any length, and still be convenient.

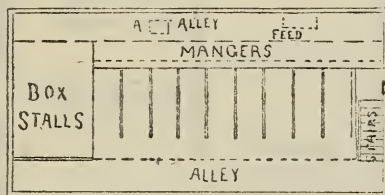


FIG. 2—INSIDE ARRANGEMENT

For convenience, cheapness, ventilation, light, etc., I would not change this for any cheap barn that I have ever seen

Artificial Heat in the Poultry House.

We glean the following from Poultry Yard: Artificial heat within the poultry house is of no account, ordinarily. The fuel consumed in a stove, for instance (a plan that is occasionally tried in the fowl house) costs more than all that can be gained by such an attempt to make your fowls comfortable. And, as a rule, if it be followed up day and night for any length of time, more lice will be bred upon the premises than you can well take care of. It is necessary, only, that your fowl house be tight in the roof and walls, and that the birds be kept out of the reach of rough winds and excessive frosts. They will bear a great deal

of dry cold weather, but should be so sheltered that snow, sleet and rain shall not trouble them. Give them fresh air daily. Close up the building at night carefully. Allow them a range outside, when the weather will permit, and feed them more generously during the chilly season than you need to do in summer time, and they will get through the winter comfortably and remain in good health.

Poultry Yard Notes.

The hen house, more especially where wooden floors are in use, is not generally appreciated. Any kind of clean loam or clay soil will answer. Occasionally a portion of this fresh earth may be thrown around the floors or scattered under the roosts. A compost heap may shortly be begun. Mix the droppings from the roosts where the fowls pass the night with some of this. Rake it away one or twice in a fortnight, and next spring you will have a rich mass of manure for your vegetable garden, or top dressing for the grass or lawn around the house that cannot be excelled for its quality. It will cost you nothing but a little easy labor once a week. The earth will help to keep your house atmosphere pure, says Poultry Yard, from which the foregoing is taken.

A Good Whitewash.

Take half a bushel of best unslacked lime, slack it in boiling water and cover it during the process to keep in the steam. Strain the liquid through a fine sieve or strainer and add to it a peck of salt previously dissolved in warm water, three pounds of ground rice boiled to a thin paste, one-half pound of powdered Spanish whiting and one pound of clear glue dissolved in warm water. Add hot water to the mixture to reduce it to the proper consistency and let it stand covered up; when used apply as hot as possible with a paint or whitewash brush. A cheaper wash for outside work may be made by slacking half a bushel of lime in a barrel; add a pound of salt, half a pound of sulphate of zinc and a gallon of sweet milk.

Cause of Rust in Grain.

After a thorough investigation as to the cause of rust in wheat and other grains, the Guelph (Ont.) Agricultural college has arrived at the following conclusions:

1. Seasons are the chief cause of rust:

sudden changes of temperature and rain, accompanied by close, still weather, are favorable to its increase. 2. Low lying, rich soils are most subject to attack. 3. An excessive use of manures rich in nitrogen encourages the disease. 4. Late sown grain is most subject to attack. 5. Thinly sown crops seem most liable to injury. 6. Red wheats are less affected than white varieties. 7. Rust is more common in the vicinity of barberry hedges than it is at a greater distance.

Agricultural Notes.

As no two animals are alike, it is wise to consult their special appetites and desires when feeding them.

Hay for horses ought to be of the best quality; it should never be overripe.

The clematis is a favorite climber with everybody who has grown it.

The general opinion is that cows improve until they are seven or eight years old. It pays to take good care of the heifers.

In four foot rows it will take about 3,000 asparagus plants to the acre.

Individual peculiarities of form have much to do with the amount of waste in animals, and the flavor of meat is greatly dependent upon what the animal has been fed.

Always hatch eggs from healthy fowls, eggs of fair size.

If your pullets do not lay they are probably too fat: feed less grain.

But little winter wheat is sown in Colorado and Nebraska; the wheat crop is of the spring variety.

It is told that of 141 breeding establishments in the blue grass regions of Kentucky the trotter is bred in 106.

Recent returns to the department of agriculture show a revival of interest in sheep husbandry.

"No Plus Ultra" sweet corn is catalogued by Peter Henderson & Co. with vegetable seed novelties for 1890. It is a medium early variety, small, sweet and tender.

Much of the meat exported from leading packing points in the west is treated with borax, at the rate of eight pounds to the package, which latter averages about a quarter of a ton. The borax is applied as a solution and protects the meat from spoiling by exposure to the atmosphere.

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Post Captain is a beautiful golden bay in color, 16½ hands high, weighs 1350 lbs and is just 5 years old. He is a high stepper, with beautiful action, and promises great speed shows already without training less than a 4 minute gait. The progress of this famous breed are all bays in color, well matched, and is the gentleman's carriage horse in England—No trouble to get matches which command high prices. He has only to be seen to be admired—His symmetry is magnificent, and is a sure foal getter. Terms \$25.00 the season, with the privilege to return mares during fall season should they not prove in foal. Mares from a distance to be paid for when taken away—will care for mares at a cost of \$2.00 a week, shipment of course at expense of owners of mares, write to

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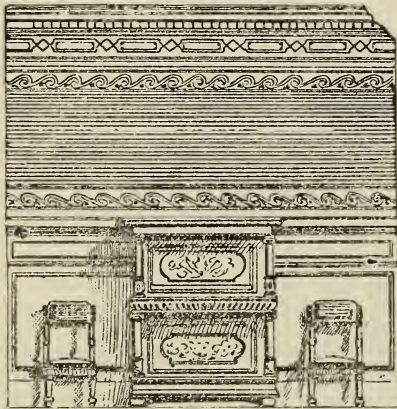
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THE TREATMENT OF LINES.

Rooms Too High Should Be Treated Horizontally; Too Low, Vertically.

It may be said, to the honor and glory of our younger architects especially, says The Art Amateur, that when they introduce color in the interior fitting of a house, they almost always produce a tolerable result, sometimes even a very agreeable one. This they do by attention to common-sense rules, by leaning to harmony of gradation rather than of contrast, utilizing the natural colors of materials wherever possible, preferring warm but broken tones of medium intensity, and distributing these in broad masses, trusting to the furniture and movable decorations to give sufficient variety, and, indeed, they usually give too much. But this sensible moderation, this predilection for an harmonious and simple treatment, is not to be looked for, as a rule, in their disposition of lines.

We have nothing to say against the picturesque in architecture when it arises naturally from the circumstances of the case, or in course of time. It may be well worth bearing the discomfort and inconvenience with which they are almost certain to be accompanied, to have a striking sky line, a fine ef-

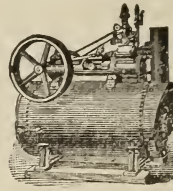


HORIZONTAL TREATMENT OF LINES, TO GIVE THE EFFECT OF LOWERING A TOO HIGH CEILING.

fect of shadow, or a lot of romantic associations. But some of those things can hardly be had to order, and an attempt to imitate the accidental picturesqueness of old country dwellings is likely to result in anything but the wished for effect exteriorly, while in the interior, in addition to the various sorts of discomfort which it entails, it has led to an entire disregard of proportion and of the expressiveness—when properly managed—of architectural lines.

The owner of a modern cottage, or even of an expensive residence, is as likely as the occupant of the most ordinary house to be troubled about what to do with his ill pro-

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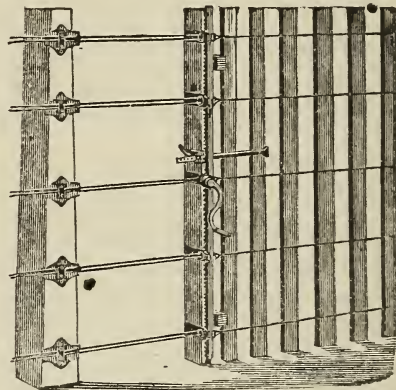
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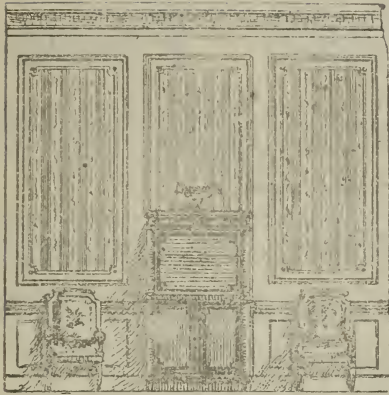
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VERTICAL TREATMENT OF LINES, TO GIVE APPARENT INCREASE OF LIGHT TO A ROOM.

portioned and badly arranged rooms. Something can generally be done, though in the former case a satisfactory cure is often impossible. Usually the difficulty is that the room is too high or too low, too long or too narrow, and these faults can easily be remedied when they are not complicated by irregular jogs and bays, by window and door casings of unequal height and similar unlooked for results of the modern architect's plan of working from the outside in. In dealing with these complications their victims must rely on their own ingenuity; but the greater obstacles overcome, it may be found possible to reduce the lesser, or, if not, to bear with them. A few typical examples will help us to understand the principles involved.

Take the case—very common in modern houses—of a room being too high for its floor space. The obvious thing to do would be to provide it with both frieze and dado, and to make both of exceptional depth. But perhaps the builder has already put in a dado of the same height as in other low-studded rooms, and the chances are that he has made doors and windows so high that a deep frieze is impossible. He may also have aggravated the difficulty by fixing over the mantel a tall mirror reaching to the cornice; still, there is no need to despair. The principle to act upon remains the same. It is to multiply and accent the horizontal lines, to subdue and efface some of the perpendicular ones. Thus, if the cornice should contain a row of tall palm fronds, in the Empire taste, one should abstain from picking them out with gold, or otherwise drawing attention to them; but the longitudinal moldings, instead, should be so distinguished.

The narrow frieze may be decorated with oblong panels or may have a running ornament whose curves approach the horizontal. Sofas and other oblong pieces of furniture may be disposed where they will do the most good, and the current fashion of decorating portieres and heavy

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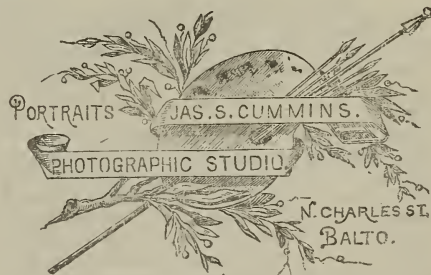
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window curtains with broad horizontal bands may be followed with advantage. The effect of the tall mantel and mirror may be neutralized in part by treating the frame of the latter differently from the mantel itself, regilding it, for example, and by covering the mantel shelf with a deep lambrequin. The paper should be of a diaper pattern. In the opposite case, all this should be reversed. The figures on the wall paper should be disposed in vertical stripes; the frieze should be omitted or made very narrow; no horizontal bands should be allowed on the curtains, which should hang in straight folds; sofas

should give way to chairs, and any paneled article of furniture that may be introduced should be chosen for its height and the height of its panels.

The two accompanying illustrations showing the same wall differently treated, explain the principle on which all these suggestions are based; but the much pleasanter appearance of the second should teach us that it is well that vertical lines should dominate. Any too great insistence on the horizontal lines is sure to give an impression of a crushing force overhead. It will sometimes happen that a single bold stroke, the introduction of one conspicuous horizontal, will suffice to correct the bad proportions of a high ceiled room. But violent contrasts are dangerous; a few objects bounded by graceful curves, or of shapes approaching the square, will be desirable to obviate them.

A Luxurious Lounging Place.

A divan made out of a packing box, cushioned and draped with a Bagdad curtain, or one of grandmother's blue and white coverlets, is, if filled with plenty of soft pillows, a most luxurious lounging place, and discounts the cabinetmaker's best effort by half, that is, if comfort and economy are considered.

Notes on House Building.

The windows of the kitchen should be placed three feet from the floor, so that a sufficiency of wall space may be provided. Such height permits a table to be placed under the window.

Speaking tubes save more steps in a house than anything of small cost which may be added to it. The amount of running up and down stairs which they save is hardly to be estimated. There should be a tube from the family bedroom to the kitchen, one from the sitting room to the family room and one from the sitting room to the servants' room, and, possibly, one from the family room to the servants' room.

Showing John Bull Around.

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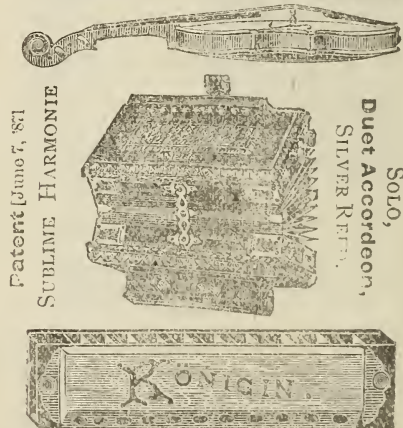


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Any one who intends to begin bee-keeping for profit will make a good investment by working for a time in the apiary of an experienced bee keeper.

The corn and oat yields for 1889 are reported the largest ever made.

The importation of fruit trees into Canada from the United States is largely on the increase.

A new scheme consists in especially constructed cars for the transportation of live poultry.

Kansas has a flattering outlook for a big winter wheat crop.

George W. Childs was elected president of the Pennsylvania Horticultural society on the occasion of its sixty-first anniversary.

At a recent meeting of the board of control of the New York state agricultural experiment station, Gen. N. M. Curtis was re-elected president, and William O. Hanlon, of Geneva, was chosen secretary and treasurer.

News from the northwest confirms previous reports of great losses of cattle and sheep.

The Cheshire Swine Breeders' association has published a herd book, giving a history of this popular breed, etc. E. W. Davis, of Oneida, N. Y., is secretary.

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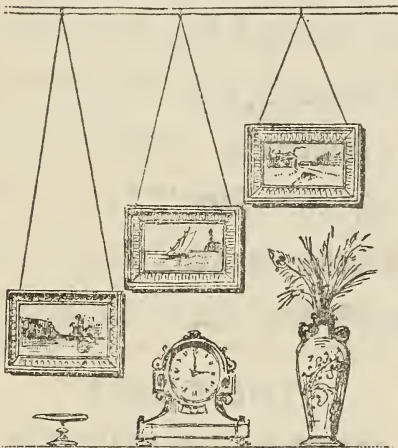
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A Suggestion for Picture Hanging.

What to do with the large space over the mantelpiece when all the good sized pictures are needed elsewhere is a puzzle to housekeepers. It was solved very nicely by one lady who had three small pictures, uniform in size and resembling each other in subject. She hung them like steps, the one at the left being placed lowest, the one next it a little higher, and the third higher still. It is a new way to treat pictures, and affords a relief from the time honored plan of hanging two or three pictures at the same distance from the molding and the third a little higher between them.

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"Nothing of importance, Gladys, darling," he answered. "A slight rip in my coat, that was all."

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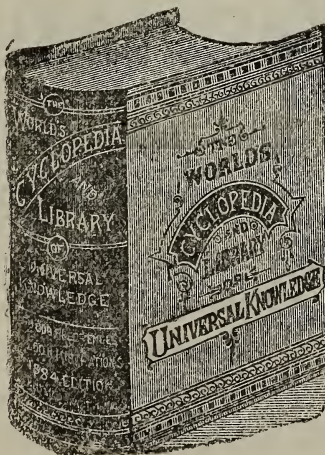
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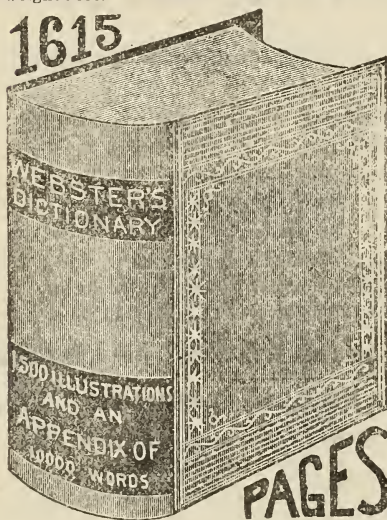
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